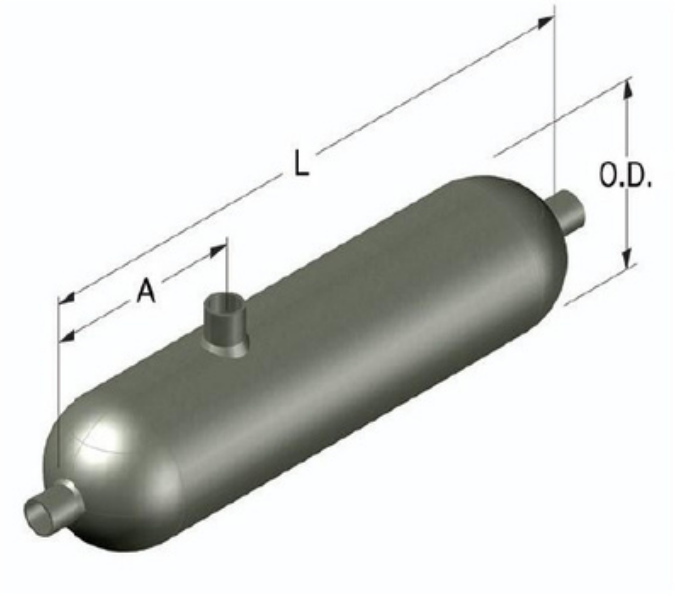
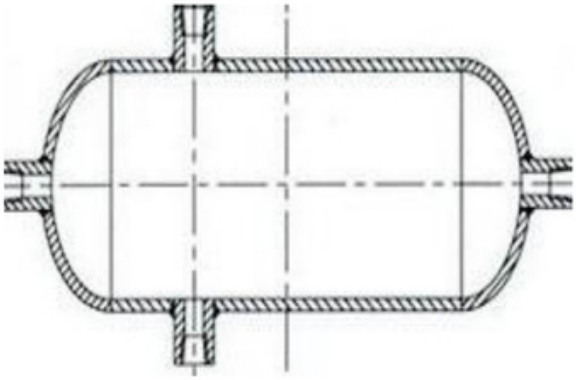
Perfect Engineering Services

Condensate Pot





Enhance flow measurement accuracy

The primary use for the Parker range of condensate pots is to increase the accuracy of flow measurement in steam pipelines. They provide an interface between the vapour phase and the condensed phase in the impulse lines.

The condensate pots are available in a range of materials and have been designed in accordance with ASME VIII Div 1 and produced in an ASME coded workshop.

Installation can be either vertical or horizontal lines between the primary (Flow Meter) and the secondary (transmitter/ gauge) to act as a barrier to the line fluid permitting direct sensing of the flow conditions. Units should be mounted at the same level minimizing possible error that could arise due to unequal head of fluid in the connecting pressure lines. Please see our Condensate Pot Installation Guide.

Typical industry applications include: Refineries, Power plants, Chemical and Petrochemical, Steel plants and other process industries

For condensate pots with internal volumes of 1 litre or less, a CE mark is not permitted as they are covered by a manufacturers declaration under SEP

MATERIAL	
Stainless Steel	316
Monel	M
Stainless Steel	304
Carbon Steel	C.S.

END CONNECTION	
NPT	BSP
1/2 " (F)	1/2 " (F)
1/4 " (F)	1/4 " (F)

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Dimensional Details		
Capacity	Diameter	Length 'L'
0.5 Litres	73.0mm	246mm
1.0 Litres	88.9mm	282mm
2.0 Litres	114.3mm	347mm
3.0 Litres	114.3mm	482mm
5.0 Litres	114.3mm	754mm

Design Pressures		
Material	LP	HP
Stainless Steel	132	190
Monel	107	154
Stainless Steel	131	189
Carbon Steel	112	163

Certification / Design Codes

All condensate pots are designed in accordance with ASME VIII Div 1 and produced in an ASME Coded workshop.
Design temperature 100oC.

**Other pressures, temperatures and materials available as special order. For these applications please state pressure, temperature and material requirements.